DX LISTENING DIGEST 7-151, December 13, 2007
Incorporating REVIEW OF INTERNATIONAL BROADCASTING
edited by Glenn Hauser, http://www.worldofradio.com

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NOTE: If you are a regular reader of DXLD, and a source of DX news but have not been sending it directly to us, please consider yourself obligated to do so. Thanks, Glenn

SHORTWAVE AIRINGS OF WORLD OF RADIO 1386

Thu 0700	WRMI	9955**
Thu 1530	WRMI	7385
Thu 1600	KAIJ	9480
Fri 0030	WBCQ	7415
Fri 0730	WRMI	9955**
Fri 1200	KAIJ	5755
Fri 1200	WRMI	9955**
Fri 2130	WWCR1	7465 [ex-15825, Dec-Mar]
Sat 0900	WRMI	9955
Sat 1730	WWCR3	12160
Sat 2230	WRMI	9955
Sun 0330	WWCR3	5070
Sun 0730	WWCR1	3215
Sun 0900	WRMI	9955
Sun 1200	WRMI	9955 [new]
Sun 1615	WRMI	7385
Mon 0400	WBCQ	9330-CLSB
Mon 0515	WBCQ	7415 [time varies]
Mon 0930	WRMI	9955**
Tue 1130	WRMI	9955**
Tue 1630	WRMI	7385
Wed 0830	WRMI	9955**

WORLD OF RADIO, CONTINENT OF MEDIA, MUNDO RADIAL SCHEDULE:
Latest edition of this schedule version, including AM, FM, satellite and webcasts with hotlinks to station sites and audio, is at:
http://www.worldofradio.com/radioskd.html

For updates see our Anomaly Alert page:
http://www.worldofradio.com/anomaly.html

WRN ON DEMAND:
http://new.wrn.org/listeners/stations/station.php?StationID=24

WORLD OF RADIO PODCASTS VIA WRN NOW AVAILABLE:
http://www.wrn.org/listeners/stations/podcast.php

OUR ONDEMAND AUDIO [also CONTINENT OF MEDIA, MUNDO RADIAL]
http://www.worldofradio.com/audiomid.html
or http://wor.worldofradio.org

** ABKHAZIA. 9495, Apsua (Abkhaz) Radio. // 9535 with news in Russian, 0430-0442, followed by slow songs in vernacular on 16/11 (Rumen Pankov, Sofia, Bulgaria (Sony ICF-2001, Marconi), Dec Australian DX News via DXLD)

** AFGHANISTAN [non]. U.K., 13830, Solh transmission for Afghanistan noted again today \\ to nominal 15265 kHz, today at least in 1200-1400 UT slot, Dec 11th. Powerhouse transmission of 500 kW Rampisham center. (Wolfgang B¸schel, Germany, Dec 11, dxldyg via WORLD OF RADIO 1386, DX LISTENING DIGEST)

Wolfgang B¸schel had been reporting R. Solh on new 13830 // 15265, but no sign of it here when checked Dec 12 at 1425, Dec 13 at 1430; still on 15265 as usual (Glenn Hauser, OK, DX LISTENING DIGEST)

** AFRICA. The BDXC Africa on Shortwave list has been updated for December 2007. http://www.bdxc.org.uk Click on Articles Index Page. (Steve Lare, Holland, MI, USA, Dec 12, dxldyg via DX LISTENING DIGEST)

** ALASKA. 6150, KNLS, Anchor Point. Profile of Wolfman Jack in English. Signal OK but marred by competing stations. Same program on 6915, fair with annoying whirr 1224 on 13/11 (John Hattwell, Rochester Vic (Drake R8A, EWE), Dec Australian DX News via DXLD)

** ALBANIA. 9915, R. Tirana, Shijak. Atrocious modulation for English program from *2100 with sked. Annoying whistle on top, 7/12 (Craig Seager, Bathurst NSW (Icom R75, Dipole, Dec Australian DX News via DXLD)

** ALBANIA. Missing the day before, R. Tirana back on 13640, Dec 11 at 1531 check giving usual English transmission schedule; undermodulated and flutter on signal, so hard to hear. BTW, members of the dxld yahoogroup can now see a folder of photos from R. Tirana, including the Director Ms Zamira Koleci, Monitoring Center head Mrs Drita «iÁo, the two English announcers Klara and Artan, and the transmitters

(Glenn Hauser, OK, DX LISTENING DIGEST)

** ALBANIA [and non]. Re R. Tirana leaving SW --- Dear Drita, Please consider the following from the December 8, 2007 "Washington Post" page A9 article on "Columbia's Leader Offers Neutral Areas For Hostage Talks".

"In a radio address Friday from Paris, Lorenzo Delloye urged his mother not to give up. He spoke on Radio France International, one of the stations that Betancourt had said in her letter she could hear in the jungle."

Can the same be said for listening thru the internet? Probably not. Millions of people can hear a radio signal at the same time. On the contrary, only a few can listen to a web broadcast at the same time due to server capacity or bandwidth. Even those few MUST HAVE a computer and internet connection. These are costly items. A radio receiver, allowing access otherwise NOT available, is inexpensive and get power by winding up the receiver!

Also, during times of a natural disaster or terrorism where do people turn? To radio. The internet doesn't work in these times (believe me I lived thru the September 11, 2001 attacks on the Washington, DC area).

Broadcasters who consider and/or switch to internet only broadcasting, IMO, are extremely shortsighted and out of touch with reality. 73, (Kraig, KG4LAC, Krist, Manassas, VA, via dxldyg via DXLD)

** ALGERIA [non]. Radio Algerienne noted on four frequencies between 2100 and 2300 UT, Wed. Dec. 12. Previously heard 5915 and 9850 (very weak) were parallel with possibly new additional frequencies of 7175 and 7295; both very strong here. 9850 faded out completely and 5915 lagged slightly behind the other two. 7175 seemed to have gone off shortly before 2225. Usual Holy Qur'an programming with call to prayer, etc. (Bernie O'Shea, Ottawa, Ontario, DX LISTENING DIGEST)

FRANCE Most likely Libya in Arabic [also HQ prayer noted] and French language via France noted this morning again on 7295 kHz til 0659:02 UT cut-off in Arabic. Also noted on 9435, 11625, 15230. Schedule like:
5960 and 7295 0400-0700.
9435 and 11625 0700-0800.
9435 and 15230 0800-0900.
15230 and 15615 0900-1100.
1100-1600 not observed yet.
13830 and 15165 1600-1700.
9610 and 13830 1700-1800.
9610 and 9820 1800-2000.

7175 and 9820 2000-2100.
7175 and 7295 2100-2300.
73 (Wolfgang B¸schel, Germany, Dec 12, DX LISTENING DIGEST)

R. AlgÈrienne Qur`an prgr. ID heard at 0852 on 9435 and 15230 kHz. 73, (Mauno Ritola, Finland, ibid.)

Mauno says: it's NOT Libya, but RTA via France now. Latter was always using VTC Merlin facilities in England. Very difficult matter with the Arabs. 73 wolfy (Wolfgang B¸schel, ibid.) One frequency at each time is 162 degrees, the other 194 from Issoudun (gh, DXLD)

** ARGENTINA. 15344.48, 02/12 1914-1916, R. Nacional, Buenos Aires. Sport news in Spanish, weak (Giampiero Bernardini & Dario Monferini, Bocca di Magra (La Spezia, Italy), DX-pedition, New SDR receiver Perseus; RF Space SDR-IQ; CiaoRadio H101; AOR AR7030; 2 Degen DE1103 --- ant: Wellbrook LFL 1010, dxldyg via DX LISTENING DIGEST)

** AUSTRALIA. Reception of R. Australia at 1500 Dec 11: best on 7240, next best on 5995, and a poor third, 9590 (Glenn Hauser, OK, DX LISTENING DIGEST)

** AUSTRALIA. 5995 DRM. RA, Brandon. Continues here with DRM, but no hope of doping anything with it from here. I get the on-screen ID, etc., but with SNR no better than 3.0 dB, itís a hopeless cause otherwise, 1240 8/12 (Craig Seager, Bathurst NSW (Icom R75, Dipole, Dream DRM software, Dec Australian DX News via DXLD)

** AUSTRALIA. Re 7-150: I'm hearing CVC testing via Darwin in DRM, 17780 kHz at 0715 with "Daily Planet" music news. 17.08 kbps bitrate, mono. SNR ranges from 10-17.5 dB, with anything above 14 dB producing reliable audio. Thanks to Wayne Bastow & MN/DXLD for the heads-up. Audio sounds a little bit thin, 11/12. Rgds (Craig Seager, NSW, Dec 11, (R75, IF down-converter and Dream software), ARDXC via DXLD)

** AUSTRALIA. 6230 USB, VMW/Australian Weather West, 12/10/07, 1346, English. Weather conditions for various coastal regions, a few minutes of silence, then returned with a long ID including complete frequencies for VMW and VMC before going silent again. Also noted VMC/Australian Weather East on 6507 at 1330 on 12/11 with similar signal and program. Fair (Mark Schiefelbein, MO, DX LISTENING DIGEST)

** AUSTRIA. Re: German TV closes the last two 50 MHz transmitters === Jauerling was actually on the so-called E-channel 2A, which is simply R-1, i.e. video carrier on 49.75, just with 5.5 instead off 6.5 MHz video/sound separation (B instead of D system). This was necessary because a genuine R-1 transmitter is also on air at Prague, less than 200 km away, allowing co-channel operation but not video carriers 1.5

MHz apart. It is indeed still on air, running 150 kW according to http://www.radiokomunikace.cz (Kai Ludwig, Germany, dxldyg via DX LISTENING DIGEST)

** BAHRAIN. 9745, R. Bahrain. Listening one hour of modern songs in Arabic and only one ID "Iddatu Bahrein" on 1/12 at 0530-0730, but not in SSB (Rumen Pankov, Sofia, Bulgaria (Sony ICF-2001, Marconi), Dec Australian DX News via DXLD)

** BOLIVIA. 6134.80, Radio Santa Cruz, 1000-1015 Prior to the hour, heard typical music. On the hour, male gave TC and ID, followed by the news, "... Minutos ... Santa Cruz ... Norte Americano... Bush ...". Back to music at 1008. Saw a logging earlier in the week that put Radio Santa Cruz on 6135, but they are back to 6134.76 today if they ever were on 6135 kHz. Signal was good using both the NRD545 and WinRadio G305/pd. (Chuck Bolland, December 11, 2007, Clewiston, Florida, dxldyg via DX LISTENING DIGEST)

Strictly speaking, and shouldn`t we be strict? 6135 without a decimal can be taken as only approximate. If it had been reported at 6135.0, then we would know that it was not on 6134.8. The trouble is, it is common to assume greater accuracy to a non-decimaled figure than it deserve, especially since SW stations are normally spaced at 5.00-kHz intervals, and since some logging programs insert .0 whether such accuracy is merited or not! Those should be avoided at all costs (Glenn Hauser, OK, DX LISTENING DIGEST)

** BRAZIL. As antenas da Radio Nacional est„o localizadas em uma regi„o bastante afastada de BrasÌlia, no extremo norte do Distrito Federal. Veja a localizaÁ„o delas atravÈs do google maps.
http://tinyurl.com/2nqu5n
73's! (Thiago P. Machado, [PY2002SWL] QTH: Riacho Fundo-DF, Brasil [GH54XC] http://www.bsbdx.blogspot.com radioescutas yg via DXLD)

** BULGARIA. DRM: see GUIANA FRENCH

** CANADA. RCI changes --- Hi Glenn, It's been a long time. Thought you should know questions about what's going on at RCI were raised at a parliamentary committee in Ottawa. We've just received the transcripts and they're on the RCI Action Committee website as of yesterday, along with explanations of some of what's been going on over the last year. I guess the best starting off point is:
http://www.geocities.com/rciaction/RCIHeritageCttee20071127Mandate.html

There are a lot of other links from this page that give even more details. Thanks for all your support, through all these years. (Wojtek Gwiazda, Dec 12, RCI Action Committee - ComitÈ d'action de RCI, DX LISTENING DIGEST) Viz., go to the site for all the linx.:

MORE QUESTIONS ABOUT RCI'S INTERNATIONAL MANDATE
CHANGES IN DIRECTION - JOB AND PROGRAM CUTS OVER THE PAST YEAR

November/December, 2007 - Questions about the international mandate of Radio Canada International (RCI) were once again raised at a parliamentary committee as it prepares to issue a report on Canadaís public broadcaster CBC/Radio-Canada. The public broadcaster is responsible for RCI. And according to Canada's Broadcasting Act it is part of the CBC/Radio-Canadaís condition of licence to provide an international service.

However, RCI employees and others are raising questions about how the mandate of Canadaís Voice to the World has been affected by its focus on programming on immigration and new immigrants in Canada.

Nothing preventing more changes

On May 25, 2007, the union representing most of RCIís employees (Syndicat des communications de Radio-Canada) called on parliamentís Canadian Heritage committee to protect RCIís mandate saying ìthere will be nothing preventing the CBC from changing its international serviceî unless ìthe Broadcasting Act has been amended to protect RCIís Mandate.î See testimony parliamentary committee here.

On November 27, 2007, at the parliamentary hearings in Ottawa, Maria Mourani, the Heritage critic of the opposition Bloc Quebecois Party questioned the CBC/Radio-Canada Vice-President responsible for RCI, Sylvain Lafrance about the mandate: ìI am not saying that it has been abolished. Does one mandate take precedence over another? If so, how can that be done without contravening the act?î

Lafrance testified that the ìbasic mandate has absolutely not changedî but suggested it was ìevolvingî. See testimony parliamentary committee here.

The Standing Committee on Canadian Heritage is now in the process of writing a report on the Role of the CBC/Radio-Canada as a Public Broadcaster in the 21st Century, including services such as Radio Canada International.

Not first time Committee hears warnings

However, this is not the first time the Standing Committee has dealt with the issue of RCIís mandate.

In its 2003 report ìOur Cultural Sovereigntyî, the Standing Committee quoted the RCI Action Committee submission extensively and called on

the ìappropriate department [to] review the mandate of Radio Canada International, with a view to identifying the necessary resources required to strengthen its services.î

RCI Action Committee proposes Broadcasting Act changes

The 2003 report highlighted the following from the RCI Action Committee submission:

ìThe Broadcasting Act must outline RCI's mandate to "attract an international audience" and develop "international awareness of Canada" [the CBC's Corporate Policy No. 14]. It must specifically oblige RCI to prepare such programming in both official languages, English and French. There should be sufficient guidelines in the Act to ensure most regions of the world are covered, and to ensure RCI broadcasts in major foreign languages, and any others deemed important or useful. Without necessarily enumerating each region and language, these directives must be strong enough to prevent anyone but Parliament from being able to change the mandate of RCI. At the moment, there is very little that prevents the CBC from cutting services back radically.î

See entire submission here. See report here.

Mandate guidelines eliminated

In 2005, two years after this report was released, CBC/Radio-Canada abolished Corporate Policies No. 14 and 18, which specifically outlined the need for RCI programming to be adapted to attract an international audience. See details here.

Programs and positions eliminated

In the autumn of 2006, programs for Africa, Europe, and India were replaced by generic programs in English and French focussing on immigration and new immigrants. In addition, an increasing number of contractual employees were hired, and a number of permanent positions eliminated. See details here.

In 2007, the integration of RCI into the domestic service (CBC/Radio-Canada) has been so pronounced that even the news copy on RCI's website has been replaced by links to CBC (see here) and Radio-Canada (see here) news links which have not been adapted to the needs of an international audience.

WHATíS THE RCI ACTION COMMITTEE?
The RCI Action Committee is an inter-union committee defending RCI's mandate as an international broadcaster. See details here.

If there are things you find are not clear, or explained enough, please don't hesitate to drop us a note at: rciaction @ yahoo.ca (via DXLD)

** CANADA. WORLD'S FURTHEST NORTH BROADCASTING STATION SILENT
http://www.crtc.gc.ca/archive/ENG/Decisions/2007/db2007-422.htm

This 76 watt FM station was on 105.9 MHz, latitude 82 degrees 27 minutes, on the north shore of Ellesmere island

Revocation of licence
1. The Commanding Officer of the Canadian Forces Station (CFS) Alert has requested the revocation of its broadcasting licence for the radio programming undertaking CHAR-FM Alert, Nunavut.

2. The licensee indicated that the station ceased its operations approximately 1 February 2006. Therefore, the licensee has requested that its licence be revoked by the Commission.

3. Given the licenseeís request and pursuant to subsections 9(1)(e) and 24(1) of the Broadcasting Act, the Commission revokes the broadcasting licence issued to The Commanding Officer of the Canadian Forces Station (CFS) Alert for the above-mentioned undertaking.

73, (Deane McIntyre VE6BPO, Dec 12, DX LISTENING DIGEST)

Northernmost radio station is gone ---- In today's CRTC public notices, it was announced that CHAR-105.9 Alert, Nunavut has asked that its license be cancelled. The station has been off the air since February 2006. A quick scan of the Web suggests CHAR has gone to a cable-only operation. CHAR-FM was the world's northernmost radio station, at 82-27-12N (IIRC Bill Hepburn once worked there?) ñ (Doug Smith, W9WI, Pleasant View, TN, EM66, Dec 12, WTFDA via DXLD)

I was offered a job in Alert but turned it down (I didn't want to be the top civilian at a military base --- I was just a 21 year old punk) --- but did visit the area including Ward Hunt Island/Cape Columbia. If I had worked there, I likely would have volunteered as one of CHAR's many part-time DJ's. The farthest north I worked was Eureka at 79-59 N, with no local radio (only TV channel 9). BTW, we fed CHAR-FM CBC-TV news audio daily via a microwave link from Eureka. There was not enough bandwidth for a permanent feed - they literally phoned us every evening before the newscast and we hooked up a gizmo I made that basically consisted of alligator clips attached to the TV's speaker (Bill Hepburn, Ont., ibid.)

So which is the northernmost radio station now? (gh, DXLD)

** CANADA. CKEC 1320 in New Glasgow moves to FM --- CKEC 1320 in New Glasgow, Canada, became 94.1 East Coast FM at exactly 9:41 am on Tuesday, after four years of planning and preparation, said station general manager and vice-president Mike Freeman. The station will continue to broadcast the 1320 AM signal for another three months to ease listenersí transition to 94.1 FM, he said.

Read the full story in the Nova Scotia Chronicle Herald
http://thechronicleherald.ca/NovaScotia/997672.html

Andy Sennitt comments: I remember listening to CKEC in the days when I was an active mediumwave DXer. I see that it is still regularly logged as transatlantic DX. This will be the last winter when mediumwave DXers in Europe will be able to log this station.

This entry was posted on Thursday, December 13th, 2007 at 10:45 am and is filed under For Consumers, Full feed. You can follow any responses to this entry through the RSS 2.0 feed. You can leave a response, or trackback from your own site.

One Response to ìCKEC 1320 in New Glasgow moves to FMî
Alan Pennington Says: December 13th, 2007 at 2:05 pm

This is a great pity as CKEC is one of the easier Canadians to hear on MW, even here in southern England. They were a good verifier as their Chief Engineer since 1972 (when I wrote to them back in 2004), was Peter Lann who was also a radio amateur & DXer. They even had a map in their lobby showing where they had been heard: ìWe invite you to come into the CKEC Lobby and see our DX World Contact Map. CKEC has been heard from the Northern Scandinavian Countries to Cape Town on the Southern tip of the African Continent.î
http://www.ckec.com/pages/area.html
(Alan Pennington, Caversham, UK, Dec 13, Media Network blog via DXLD)

** CANADA. Looks like CFAB-1450 Windsor NS will on on AM for a while longer --- The application of CFAB-1450 Windsor NS to move to FM was approved some time ago under the condition that they find an alternative to the technical parameters they had applied for (92.9 MHz, 47.1 kW) They then proposed 92.9 at 23.8 kW, which has now been denied by the CRTC. So this graveyarder will be around for a while longer at least. Perhaps with CHUC-1450 gone CFAB will be easier to log for those in the northeast.

http://www.crtc.gc.ca/archive/ENG/Decisions/2007/db2007-424.htm

Use of frequency 92.9 MHz by the new FM radio station in Windsor NS

The Commission denies the application by Maritime Broadcasting System Limited to operate its new English-language FM radio programming undertaking in Windsor, Nova Scotia, at 92.9 MHz (channel 225C1) with an average effective radiated power of 23,800 watts.

Introduction
1. The Commission received an application by Maritime Broadcasting System Limited (MBS) to operate its new English-language FM radio programming undertaking in Windsor, Nova Scotia, at 92.9 MHz (channel 225C1) with an average effective radiated power (ERP) of 23,800 watts.

2. The applicant filed this application further to the Commissionís direction in Broadcasting Decision 2006-644 in which the Commission stated that it would only issue a licence for this station provided that the applicant submitted, within three months of the date of that decision, an amendment to its application proposing new technical parameters that are acceptable to both the Commission and the Department of Industry. 73, (Deane McIntyre VE6BPO, Dec 12, DX LISTENING DIGEST)

** CANADA. Paul Reid Christmas on CHML and CJAD --- This program has been a Christmas tradition with me for years, and both CJAD in Montreal and CHML in Hamilton report that it is the most requested show, period.

It first caught my attention, when he talks about hitch-hiking home to St. Catharines for Christmas. I could immediately picture the neighbourhood, the one I spent my first 6 years in. Paul Reid paints the most amazing word pictures. I recorded it one year, but I never miss it live on Christmas Eve.

Enjoy! All times are Eastern Standard. (Fred Waterer, Ont, Dec 12, ODXA yg via DXLD)

Paul Reid Christmas on CHML

Many sounds evoke Christmas memories; but none as distinctly as the sound of PAUL REID. And this year, AM900 CHML and PATHWAY CARE SERVICES bring you a full holiday season of classic PAUL REID memories: one-minute vignettes twice each weekday, and two complete PAUL REID CHRISTMAS broadcasts.

Christmas Eve and again Christmas day. Paul Reidís Christmas, brought to you by PATHWAY CARE SERVICES, supportive and compassionate in-home care, heard exclusively on AM900 CHML.

http://www.900chml.com/station/events.cfm?rem=92515

The Paul Reid Christmas Show

Enjoy the Paul Reid Christmas Show throughout the month of December.

The Paul Reid is a timeless tradition on CJAD 800.

The show revolves around Paul's memories of Christmas while growing up as one of sixteen children. He talks reverently of his Mother and Father and how they made Christmas so special even though they were poor.

He talks about his favourite Christmas Carols and plays them all.

While Paul was alive, in the true Christmas spirit, he gave the show to anyone who wished to broadcast it. As a result it played in a number of countries and on the Armed Forces Network. We were told it also played during the war in Vietnam.

It is worth noting that he did most of show live every year. Some pieces were taped to give him a break. Some years he had trouble finding something new to add or he didn't feel the Christmas spirit.

The radio station staff and librarians would help. When Dad would go in to prepare for the show, he would find the studio darkened with only candles lit, a decorated Christmas tree in the corner and other decorations. There were usually messages from staff and most importantly his kids and family, wishing him a Merry Christmas. To him, Merry Christmas meant "I love You".

Few radio personalities have touched their listeners as much as the late Paul Reid. With his unique style and unmistakable voice, Paul forged an unbreakable bond with his audience. Thankfully, the Reid family has allowed CJAD to continue the tradition of The Paul Reid Christmas Special.

It is also worth noting that earlier this month Paul Reid was posthumously inducted into the Canadian Association of Broadcaster' s Hall of Fame.

Below is the complete Paul Reid Christmas Special broadcast schedule:

* Friday December 7th at 7:00PM [EST = UT -5]
* Friday December 14th at 7:00 PM
* Friday December 21st at 7:00 PM
* Monday December 24th, Christmas Eve at 6:00 PM
* Tuesday December 25th, Christmas Day at 9:00 AM
* Tuesday December 25th, Christmas Day at 10:00 PM

http://www.cjad.com/shows/19188
(Fred Waterer, Dec 13, ODXA yg via DXLD)

** CHINA. Last month I told you about the possibility of two China Radio International broadcasts interfering with each other on 7180 at 1400 UT; in a Dec. 8 email to me, Jose Jacob says he is only hearing the Nepali service (for Nepal) on 7180 (Joe Hanlon, NJ, Dec 11, DX LISTENING DIGEST)

** CHINA. 4220, PBS Qinghai, 2335, 12/11/07, listed Tibetan. Male DJ taking listener calls and playing local music, which is quite distinctive and very unlike normal Chinese pop. Weak utility QRM and some local noise, else good, perhaps best reception yet here (Mark Schiefelbein, MO, DX LISTENING DIGEST)

** CHINA. 5000, BPM, 2320, 12/11/07. Audible tones on the second audible under the click of WWV/WWVH, with CW IDs during WWV's silent period at 2329. Mostly poor (Mark Schiefelbein, MO, DX LISTENING DIGEST)

** CHINA. 5060, PBS Xinjiang, 2355, 12/11/07, Mandarin. Long talk by a female, then time pips over apparent ad w/sound effects and phone number, more ads past ToH. Into pop tunes at 0002 without ever giving an obvious ID. Finally heard a few notes of theme music and a possible ID around 0030, but signal was weaker by then. Hung on just long enough for time pips to be audible again at 0100, but signal had mostly faded by that point. Fair/poor (Mark Schiefelbein, MO, DX LISTENING DIGEST)

** CHINA. 6937, Yunnan PBS, 1358 Dec 12 with organic songs. Seemingly ID at TOH, then with music. Program continued with talks by OM and YL and songs in between. Found two other frequencies that seemed to be in parallel (not checked with other radio) 6920 and 6929. All marginal with 6929 being slightly stronger (S1-2). Has anyone checked these so far, especially from Asia? (Zacharias Liangas, Retziki, Greece with R75 / 2x16 m inverted V, DX LISTENING DIGEST)

** CONGO DR. 5066.33, 01/12 0401-0415, La Voix Du Congo, Radio Candip, with French news, fair (Giampiero Bernardini & Dario Monferini, Bocca di Magra (La Spezia, Italy), DX-pedition, New SDR receiver Perseus; RF Space SDR-IQ; CiaoRadio H101; AOR AR7030; 2 Degen DE1103 --- ant: Wellbrook LFL 1010, dxldyg via DX LISTENING DIGEST)

** CONGO DR. Some Fridays and Mondays I've been checking Radio Kahuzi (DRC) on 6210 and noted VOA programs on that frequency. Once VOA English started at 1730 UT and last Monday checking at 1840 there was VOA French to Africa continuing past 1900. I don't know if Kahuzi inserts any local ID's at the TOH during these relays.

I have at times a nasty transmitter mixing product on 6210 from two VOR 49 mb transmitters (Jari Savolainen, Kuusankoski, Finland, Dec 12, dxldyg via DX LISTENING DIGEST) Which two? See also GREECE

** COOK ISLANDS. Do You Remember? Rarotonga - 11760 kHz --- This has nothing to do with the Perseus receiver, but I thought I'd share this photo I just stumbled upon from my 1993 visit to the Cook Islands: http://perseus-sdr.blogspot.com/2007/12/do-you-remember-rarotonga-11760-khz.html

It was during this visit I learned why North American DXers had not been able to hear RCI on 11760 kHz for a number of months; in fact, no DXer in the world had been hearing them for the few months prior to April 1993. A fire in the building where the SW transmitter was housed has destroyed the transmitter. When I asked the station engineer if they would return to shortwave, the answer was "Oh no, we have FM repeaters that cover the islands very well." How sad, from a DXer's point of view.

More details of this visit are found towards the bottom of this Web page: http://radiodx.com/spdxr/Cooks.htm

The links to the local-quality MP3 recordings do not work, but you can listen to the equivalent in RealAudio at this site: http://www.owdjim.gen.nz/chris/radio/DXSoundBites/R_Cook_Islands/

Note: if you dislike RealPlayer/RealAudio products like I do, check out http://www.jetaudio.com for a free media player that handles .RA and .RAM files great. It's what I use when I need to play a RealAudio file. JetAudio also handles video content from Real, too.

If you are a fan of South Pacific radio I'm sure you'll find these two 45-minute recordings worth a listen. I made the recordings with a Grundig Satellit 500 and a Marantz PMD-221 recorder, about 7 miles away from the transmitter site. Posted by Guy Atkins at 12:14 PM Saturday, December 08, 2007 (SDR blog via DXLD)

** CUBA. This is hard to quantify, but it sounds to me like the DentroCuban Jamming Command has stepped up its intensity, as heard Dec 11 at 0707 on 5980 and 6030 against R. MartÌ, a more solid ``wall of noise``. Anyone else notice this? (Glenn Hauser, OK, DX LISTENING DIGEST)

** CUBA [non]. Getting back to the not completely resolved mystery of where Radio Rep˙blica transmissions are really coming from, one theory is the Ascension relay. We are referring to 2200-2400 on 6135, 0000-0200 on 6155, 0200-0400 on 6100. The December update of BDXC`s Africa [q.v.] reference has a handy schedule of current Ascension

transmissions, which we find in this time period are:

2115-2315 Daily Family R English W & C Africa 11875
2145-2215 Thu/Fri FEBA Hassinya W Africa 11985
2200-2300 Daily R Japan Japanese S America 15220
0000-0030 Daily R Prague Spanish S America 11665
0000-0200 Daily Deutsche Welle German Americas 9545
0300-0400 Daily BBC English W & C Africa 6145
0300-0600 Daily BBC English W & C Africa 7160
0330-0400 Daily R Japan Swahili E Africa 6135

One can easily see that at no time are more than THREE transmitters accounted for, and at some hours, 2315-2400 & 0200-0300, none at all! It appears to be greatly underutilized, since WRTH 2007 says there are SIX 250 kW transmitters there. So Radio Rep˙blica COULD easily be accommodated on one more transmitter in addition to the services above. Note that as previously reported in DXLD, there is an additional R. Prague Spanish broadcast at 0100-0130, also on 11665, but that does not change the statistics above.

Of course, Rampisham UK is thought to be the source of these RR broadcasts, but one or more of the frequencies/times might be from another more advantageous site. Altho VTC, which runs Rampisham, is a major participant in HFCC, to our knowledge these RR broadcasts have never been listed there. The conclusion that Rampisham is the likely site, discussed at length months ago in DXLD, is based mainly on monitoring, especially within England, and the fact that Rampisham is known to have suitable antennas aimed at the Caribbean, unlike Skelton and Woofferton which serve Europe, Africa and eastwards. The greatest azimuth registered for Skelton is 210 degrees, i.e. West Africa. And Wooferton`s max is 184 degrees. Rampisham in B-07 goes no further west than 189 degrees, as there is no more demand by BBC or any other user to reach the Americas direct from the UK. However, in A-05 for instance, when BBC was still in Spanish at 0300-0400 on 7325, that was indeed on the 285 degree Rampisham antenna.

Aoki`s current B-07 schedule still shows B-06 information for RR:

6135 Radio Republica WRMI 2200-2400 1234567 Spanish 500 285 Rampisham
6185 Radio Republica WRMI 0000-0200 1234567 Spanish 500 285 Rampisham
6185 Radio Republica WRMI 0200-0400 1234567 Spanish 500 285 Rampisham
G 0238W5048 RMI b06 VT

However, Jeff White of RMI/WRMI has repeatedly denied any knowledge of or connexion with these particular RR broadcasts (unlike the ones on WRMI 9955, and until earlier this year via Germany and Canada). (Glenn Hauser, OK, DX LISTENING DIGEST)

** CYPRUS TURKISH. 6150, Bayrak Radio and Television Corporation. ID in ENGLISH, seems DJ and that were the only words between 1940 and 2105, another were pop songs in ENGLISH on 17/11. It is coming from No. Cyprus (Rumen Pankov, Sofia, Bulgaria (Sony ICF-2001, Marconi), Dec Australian DX News via DXLD)

** CZECHIA [non]. 9750 DRM. R. Prague, Rampisham. Snatches of audio, German programming 1302. SNR peaked at 13.6dB, but a bit of QRM on the channel, unfortunately. Still, another station for my DRM logbook. 18.44 kbps, 8/12 (Craig Seager, Bathurst NSW (Icom R75, Dipole, Dream DRM software, Dec Australian DX News via DXLD)

** EQUATORIAL GUINEA. 5005, 29+30/11 1915-2059, R. Nacional Guinea Equatorial, Bata, 30/11 very bad modulation fair/good (Giampiero Bernardini & Dario Monferini, Bocca di Magra (La Spezia, Italy), DX-pedition, New SDR receiver Perseus; RF Space SDR-IQ; CiaoRadio H101; AOR AR7030; 2 Degen DE1103 --- ant: Wellbrook LFL 1010, dxldyg via DX LISTENING DIGEST)

** EQUATORIAL GUINEA. 15190, Bata now rather regularly heard every day. Approx. 0500-1400 slot? Fair signal of S=5-6 level noted today at 12-13 UT, deep fades, female voice in English about abortion matter (Wolfgang B¸schel, Germany, Dec 11, dxldyg via DX LISTENING DIGEST)

15190, tentative, R. Africa, Dec. 12th, American Preacher in English, seemed to be in a hurry around 0830. Fair. Nothing like that this morning (Thorsten Hallmann, M¸nster, Germany, Dec 13, DX LISTENING DIGEST)

** ETHIOPIA. 6030, 0357, Voice of the Tigray Revolution with xylophone-type interval signal, fair 26/11 opening in local language over co-channel Radio MartÌ until latter closes 0400 (Monday silent period). Possible mention of Tigre, audible past 0600 with ìHorn of Africaî. First noted 12/11 and identified from reports to Glenn Hauserís DX Listening Digest (Bryan Clark at Mangawhai, New Zealand, with AOR7030+ and Alpha Delta Sloper, EWE to NE, Dec NZ DX Times via DXLD)

** ETHIOPIA. 9704.2, R Ethiopia (tentative), 1443, 12/11/07. Strong het beating against VOA Cantonese (via Saipan) on 9705. Signal seemed be centered near 9704.2, could just make out weak music and possible comments by a female announcer under the VOA splatter. I see R Ethiopia has been previously reported on this frequency, and it would be close to local sunset there at this hour. Poor (Mark Schiefelbein, MO, DX LISTENING DIGEST)

** ETHIOPIA [and non]. 11900, Tensae Ethiopia Voice of Unity heavily jammed too. 11900 Tensae Ethiopia Voice of Unity, 1500-1600 UT.

Registered via Armavir-Krasnodar. But the opening procedure is much different these days, a new 7 seconds EACH lasting 800 Hz tone, like the SENTEC Meyerton procedure noted before 1500 UT today Dec 11th.

At 1458:50 UT a strong carrier came on air co-channel totally even frequency -- the Ethiopian jamming station. Then a tiny ID in Amharic of Tensae Ethiopia Voice of Unity noted much underneath at 1500:50 UT.

At 1502:20 UT heavy WIDEBAND NOISE HISSING jamming started, (like a hour before on the three DWL Amharic channels 11645, 15640, and 15660 kHz). 73 wb (Wolfgang B¸schel, Germany, dxldyg via WORLD OF RADIO 1386, DX LISTENING DIGEST)

When checked again around 1534 UT, noted a very annoying motorboat like ignition jamming instead, broad band use of not more 11883 to 11911 kHz WIDTH !!! (B¸schel, wwdxc BC-DX Dec 11, ibid.)

** FINLAND. Reports Out: WWCR 6125 at 1821. I have had a bit of leave from work so I spent a fair bit of time at the dials and Iíve heard quite a bit of stuff. Eleven reports out, and the WWCR one is from a transmitter site in Finland. I logged it at my 5th attempt, so it is a tough one. Their sked is 1800-1900 on 6125 & 1900-2000 on 6130 kHz, as yet remains unheard. I received this tip from RNZI, and hurry because I think WWCR are only using these frequencies and the Finnish transmitter on a short term basis. Finland has always eluded me, as older DXíers would recall that even when you could listen to Radio Finland with strong signals in English, they had a very strict non-QSL policy. Cheers & seasonís greetings to all (Gavin Hellyer, Ararat Vic, Dec Australian DX News via DXLD)

Oops, it was WYFR testing relay from Finland, not WWCR, which has never been relayed from anywhere. Did they really say it was WWCR on RNZI? (Glenn Hauser, DX LISTENING DIGEST)

** GABON. Thanx a lot to Ignacio for the 14540 tip: I could listen to a female fronted French-language phone-in program with African-sounding music bridges this morning Dec. 13th from 0830. Fair/Good but weakening. Not found yesterday at 1600, nor on 9554 after 1600. But I think that's also worth trying (Thorsten Hallmann, M¸nster, Germany, Dec 13, DX LISTENING DIGEST) 9554 being 2 x 4777

** GERMANY. Berlin/Brandenburg: 567, 693, 1359 kHz put on tender

MABB, the media authority of Berlin and Brandenburg, posted an invitation of applications for the vacant 567, 693 and 1359 channels, all available from the Zehlendorf site near Oranienburg (which is the home of 177, too, and not to be confused with the Zehlendorf district of Berlin). Explicitly both analogue and digital transmissions are

possible, powers mentioned below are AM carrier power which has to be reduced by 7 db (i.e. to a bit less than 25 percent) for digital use.

693 is at present on air with an experimental DRM analogue/digital simulcast transmission, relaying the Voice of Russia feed regularly carried on 603. The current VOR licence expires on April 8 2008 and VOR likes to replace 603 on this occasion by 693 which may be run at 250 kW. The extended service area, as compared to 603 with 20 kW, requires a new allocation procedure.

Also available is 567 with 100 kW, MABB states that it can be activated at short notice. They say that Rundfunk Berlin-Brandenburg gave up this frequency on January 24 2006, probably referring to an official notification since the transmitter had in fact been switched off on Dec 31 2005 at 2259 UT.

1359 is available "at a later time, requiring more technical work" which could be a paraphrase for multiplexing 1359 into the existing mediumwave antenna being not feasible. The power of this frequency is specified as 100 kW. Well, at Berlin-Kˆpenick it had been run with a 250 kW transmitter, but I'm not sure about the actual output, maybe it was running reduced power at night?

1359 used to carry Radio DDR 1 during daytime and RBI during the evenings, it appears that the daytime service has been terminated in 1990 or 1991, probably after it was a relay of Antenne Brandenburg or some time. The evening/night slot had been taken over at Oct 3 1990 sharp by Deutschlandfunk (probably in the beginning still fed via the Nalepastraſle headquarters of former GDR radio) which abandoned 1359 in 1993 if I recall correct, resulting in the shut-down of this transmitter. Later Evangeliums-Rundfunk wanted to test it, but the authorities of Berlin literally banned the 250 kW transmitter from ever being switched on again. What indeed followed in 1994 were some temporary low power (5 kW, using the old ex-891 transmitter if I recall correct) relays of Starsat-Radio, merely meant to promote their satellite service, thus some special trailers were inserted into the feed. But soon (after just one year if I once again recall correct) this was over and 1359 remained silent since then, i.e. for more than a decade now.

MABB press release:
http://www.mabb.de/start.cfm?content=Presse&template=pressemeldungsanzeige&id=1370

Official invitation of applications:
http://www.mabb.de/content/dokumente/MW07.pdf

Btw, here is a nice gimmick:
http://www.flashearth.com/?lat=52.503664&lon=13.234375&z=17.6&r=0&src=yh

The former 567/810/1449 site; to the left the 130-metre-tall mast, built in 1988, to the right the area of dismantled antennas, the subterranean transmitter rooms (not traceable in the ortho images) and some satellite dishes, not related to the mediumwave transmitters and just put there because the location was well suited. Check out also Microsoft Virtual Earth, which presents another image set. And now switch to Google Earth. Oooops!! (Kai Ludwig, Germany, dxldyg via DX LISTENING DIGEST)

** GERMANY [non]. Re DXLD 7-141 ``Correxion: Deutsche Welle in Dari/Pashto on 9380:
1330-1400 9380 ERV 500 kW / 100 WAs Dari (not DHA 250 kW / 090 deg)
1400-1500 9380 LV 500 kW / 096 WAs Pashto (not DHA 250 kW / 090 deg)
73! (Ivo Ivanov, Bulgaria, Nov 22, DX LISTENING DIGEST)``

QSLs received from Deutsche Welle Customer Service, 53110 Bonn, Germany: -
Nov. 27, 2007 1330-1400 9380 Erevan (Dari) -
Nov. 28, 2007 1400-1430 9380 Simferopol (Pashto) -
Nov. 30, 2007 1430-1500 9380 Simferopol (Urdu) (Tony Ashar, Depok, Indonesia, Dec 12, dxldyg via DX LISTENING DIGEST) Really UKRAINE, q.v.

** GREECE. 6210, Greek Radio. In Greek as result of 15630-9420= 6210, but the signal was stronger than on fundamentals at 0650 on 17/11. [See also another mix on 6210, RUSSIA, under CONGO DR]

12105, Radio Philia. As is the ID translated to "Friendship" or similar with program in English from 0700 on 01/12 and on MW 666 kHz also. They said on "665 kHz" but it was so before decades for the MW channels (Rumen Pankov, Sofia, Bulgaria (Sony ICF-2001, Marconi), Dec Australian DX News via DXLD)

** GREECE. 3920.22, 02/12 2040-2055, unID Greek pirate, also heard fundamental freq. 1306.06 kHz fair/good (Giampiero Bernardini & Dario Monferini, Bocca di Magra (La Spezia, Italy), DX-pedition, New SDR receiver Perseus; RF Space SDR-IQ; CiaoRadio H101; AOR AR7030; 2 Degen DE1103 --- ant: Wellbrook LFL 1010, dxldyg via DX LISTENING DIGEST)

** GUIANA FRENCH. DRM on 9455-9460-9465 where I had not noticed it before, Dec 12 at 0649; not NZ since that is still on 9865-9870-9875. 9460 was registered as 345 degrees from TDF GUF at 05-07 from 11 to 13 December only, so presumably you will no longer hear it; what programming was it carrying, and why?

After a few weeks on 15790-15795-15800, which replaced 17870-17875-17880, DRM missing Dec 12 and 13 but at 1438 Dec 13, instead on new

13860-13865-13870, which I can only assume is the latest replacement. But is it on the official DRM schedules? Of course not! Nor in HFCC. More RFO Guyane programming? Nothing about this yet on the DRMNA yg. I am amused when I find a DRM transmission just by tuning around, without even a DRM receiver, before those who are supposedly ``in the loop``.

BTW, Sofia, Bulgaria is registered for DRM at 04-14 on 13865-13870-13875, but AFAIK is yet to start any DRM (Glenn Hauser, OK, Dec 13, DX LISTENING DIGEST)

** INDIA. 5015, AIR Delhi. According to the ID and program in English "Listeners Choice" with music requests like "Love Story" sung by Andy Williams at 1646. No any traces of Turkmenia-asking for its English news on 17/11 (Rumen Pankov, Sofia, Bulgaria (Sony ICF-2001, Marconi), Dec Australian DX News via DXLD)

** INDONESIA. 9526.0, Voice of Indonesia, Dec 11 noted with sever transmitter problems, but a strong signal. 1020 program in Thai, 1024 suddenly off the air in mid-song, re-checked at 1030 to find them back on with ballads and EZL music till 1040 suddenly off again, at 1045 briefly on for 3-4 seconds (Ron Howard, CA, EtÛn E1, dxldyg via DX LISTENING DIGEST)

** INDONESIA. VOI back on 9526.0 after many weeks` absence, with hum and het from something on 9525, Dec 13 at 1441 with Qur`an, 1449 to OM talk in Arabic, morphing into Indonesian but still about Islam frequently mentioning that and Allah. 1500 no ID heard but news headlines, 1501 sign-off Suara Indonesia by YL, anthem to 1504* The 14-15 hour of VOI is scheduled in Indonesian, and I thought it might be back on at 1600 for Arabic, but not heard then. Earlier language hours include 08 English, 09 Malay, 10 Thai, 11 Mandarin, 12 Japanese, 13 Korean. Tnx to tip from Ron Howard who was hearing 9526 again the day before at an earlier hour.

Since VOI has been on 9526 (when active) instead of 9525 for quite some time, it can hardly be an accidental slip of the finger, but why? Other stations have been caught deliberately one or two kHz off-frequency, such as Syria on 782, and in 7-150, Pakistan on 830. Can these be misguided management decisions to be on a ``different`` frequency than other stations and thus avoid interference, while really causing more interference? (Glenn Hauser, OK, DX LISTENING DIGEST)

Glenn, I could find an explanation on VOI using 9526, which I heard on this Thursday 13 local dawn, 1000 UT, due to adjacent Radio Liberty 9520 Tinang, causing splatter, nulled with sync detection. Maybe that by the time you tune VOI, this isn't a problem for them anymore (Ra˙l

Saavedra, Costa Rica, dxldyg via DX LISTENING DIGEST)

** INDONESIA. 3266.43, 29+30/11 2118-2153 RRT Gorontalo, local news, ID, 2130-2140, better in usb cause ute 3266.5, poor/fair (Giampiero Bernardini & Dario Monferini, Bocca di Magra (La Spezia, Italy), DX-pedition, New SDR receiver Perseus; RF Space SDR-IQ; CiaoRadio H101; AOR AR7030; 2 Degen DE1103 --- ant: Wellbrook LFL 1010, dxldyg via DX LISTENING DIGEST)

Shouldn`t it be better on LSB, then? But only 70 Hz apart (gh, DXLD)

** INTERNATIONAL VACUUM. See SERBIA [non]

** INTERNATIONAL WATERS [non?]. CAROLINE CLASSIC ROCK - HOAX OR NOT? A professional-looking website has appeared, claiming that a new offshore station called Caroline Classic Rock will be launching in 2008. Whatís odd is that the station claims to have studios in Colorado, USA, but says itís registered in Cuba! http://blogs.rnw.nl/medianetwork/caroline-classic-rock-hoax-or-not December 11th, 2007 - 12:58 UTC by Andy (Media Network blog via DXLD) 20 comments had accumulated as of 2155 UT Dec 13 (gh, DXLD)

** IRAN [non]. This item in 7-150: LITHUANIA. Frequency change for VOIROI/IRIB in Russian from Dec. 7: 1430-1528 NF 5815 SIT 100 kW / 079 deg to EaEu, ex 6225 (DX Mix News, Bulgaria, Dec 10 via DXLD)

Is the answer to Kevin Redding`s report in 7-148:

LITHUANIA. 5815, Radio Racja, Sitkunai, 1433, Russian, woman reading news with mention of Iraq. Good (Kevin Redding, Cosmic Gilbert, AZ, Center of the Known Universe, Dec 7, ABDX via DXLD)

Should be Belarussian, and per Aoki not on air until 1530:
5815 Radio Racja 1530-1730 1234567 Belarussian 100 259 Sitkunai LTU 02348E5502 POL b07

So is there now something else on 5815 before then, or is Racja on earlier? I suppose this would be close to grayline now, but unusual to hear Europe on 50+ meters in our mornings (Glenn Hauser, OK, DX LISTENING DIGEST)

** ISRAEL. 6973, Galei Zahal. Mainly with pop music and seldom with news in Hebrew, not sure the // 15785 is on the air (and 6973) from 0400-2100, and on 6973 here is 24h program, 1/12 (Rumen Pankov, Sofia, Bulgaria (Sony ICF-2001, Marconi), Dec Australian DX News via DXLD)

** ITALY [non]. See SLOVAKIA

** JAPAN. 9760, R. Nikkei, Tokyo. Interesting one, fading in just after local midday, program 2 in Japanese, 0214, fair on peaks, 8/12 (Craig Seager, Bathurst NSW (Icom R75, Dipole, Dec Australian DX News via DXLD) See PROPAGATION

** KAZAKHSTAN. 7460, Voice of Orthodox via Kazakhstan. 30/11 in Russian, on the air only on Tuesdays and Fridays 1630-1700, giving only mailing address in St. Petersburg (Rumen Pankov, Sofia, Bulgaria (Sony ICF-2001, Marconi), Dec Australian DX News via DXLD)

** KOREA NORTH. 9730, V. of Korea, Kujang. Exceptional signal, North Asia Daytime Mode 0306, English news in progress, 8/12 (Craig Seager, Bathurst NSW (Icom R75, Dipole, Dec Australian DX News via DXLD)

** KOREA NORTH. 3985, New types of jamming used by Pyongyang on this frequency: on 23/11 with recorded program of KCBS (Foreign Service) till 1448 followed by NA of DPRK, carrier and same program in Korean from 1500 and again from 1600 but from 1655 covered by Iran in Russian. On 1/12 already were used two jammers: one with songs like "Firedrake" of China plus usual rumbling (like on 3912) at same times (Rumen Pankov, Sofia, Bulgaria (Sony ICF-2001, Marconi), Dec Australian DX News via DXLD)

** KOREA NORTH [non]. TEST OF NEW CLANDESTINE-NORTH KOREA REFORM RADIO

Dear OM, According to NEABI http://cafe.daum.net/neabi

North Korea Reform Radio of new Clandestine station plans test broadcast to Dec. 12 and 13 at 1200-1230 UT on 9630 kHz. The plan that the regular broadcast begins with Dec 17. http://nkreform.net/
de S. Aoki (S. Hasegawa, NDXC, Dec 11, WORLD OF RADIO 1386, DX LISTENING DIGEST)

According to T. Yamashita (ABI). The test broadcast was delay on Dec. 13 to 14 (S. Hasegawa, NDXC, Dec 13, DX LISTENING DIGEST)

Thanks Sei-ichi, CHINA/RUSSIA, 9630 North Korea Reform Radio. At 1200 UT on Dec 13 China National Radio 1st program from Lingshi noted in progress co-channel. Instead of North Korea Reform Radio test broadcast the usual VTC Merlin GUITAR pause music played over and over again continuously in background underneath via the supposed to be Russian transmitter site. VTC Guitar music stopped at 1228:01 UT. Feeder line seemingly from Japan via VTC Merlin control room in London, to TRW TV Radio Wave control room in Moscow, to the Russian Far Eastern Asia transmission center. 73 wb - (Wolfgang B¸schel, south-west Germany, dxldyg via DX LISTENING DIGEST)

** KOREA NORTH [non]. 5985, Shiokaze, 1408, 12/12/07, Mandarin.

Broadcasting in Chinese today, with slow recitation of apparent names of abductees over light piano music. Even though the names were presumably of Japanese people, they were being done with Mandarin pronunciations - perhaps Chinese translations of the characters in their names? Best signal noted from Shiokaze in a while. Fair/good (Mark Schiefelbein, MO, DX LISTENING DIGEST)

** KURDISTAN. 6335, CLANDESTINE, Voice of Iraqi Kurdistan. From Northern Iraq in Kurdish, seldom in Arabic and Turkmen, and often interviews in English, 1200-1455* on 1/12 (Rumen Pankov, Sofia, Bulgaria (Sony ICF-2001, Marconi), Dec Australian DX News via DXLD)

** KUWAIT. 13620 DRM, R.Kuwait, Sulabiyah. Arabic talks 1157, peaking at 12.0 dB SNR, which is only just enough to resolve audio, 8/12 (Craig Seager, Bathurst NSW (Icom R75, Dipole, Dream DRM software, Dec Australian DX News via DXLD)

** KUWAIT. 15110, R. Kuwait, Sulabiyah. Pulverising signal for Western pops in English, 0538 on 20/11 (Gavin Hellyer, Ararat Vic (Kenwood R2000, Realistic DX440, Yaesu FRG8800, longwires), Dec Australian DX News via DXLD)

** LATVIA. Relay this weekend via 9290 kHz
Sun December 16th Latvia Today 1400-1500 UT
Good listening (Tom Taylor, Dec 13, DX LISTENING DIGEST)

** LIBERIA. 4760, 0615, ELWA Monrovia tentatively the weak signal with gospel songs 24/11. According to contributors to Glenn Hauserís DX Listening Digest, has reactivated with new 5 kW transmitter. BCM (Bryan Clark at Mangawhai, New Zealand, with AOR7030+ and Alpha Delta Sloper, EWE to NE, Dec NZ DX Times via DXLD)

4760, 12/12 2055-2245, ELWA, in English with a religious program. Talks and music. Good signal and perfect modulation (Giampiero Bernardini, Milano, Italy; my LA blog http://lasw.blogspot.com/ dxldyg via DX LISTENING DIGEST)

4760, ELWA, 2202-2303*, 12/11/07, English. American-accented preacher delivering inspirational messages between gospel-type songs. Signoff message by a different, baritone-voiced announcer to a short bit of martial music, off at 2303. Weak but mostly clear, aside from CODAR QRM. Fair (Mark Schiefelbein, MO, DX LISTENING DIGEST)

** LIBERIA. GOV'T REPORTS RADIO VERITAS TO PUL
The Analyst (Monrovia) NEWS 12 December 2007

Press power is a new phenomenon in the third world but an obvious reality in all advanced countries ascribing to the tenets of democracy

and good governance. From all indications, emerging democracies from totalitarianism and brutal conflicts are making painstaking efforts to partner with the press. The government of Liberia through the Ministry of Information and Tourism (MICAT) has elaborated the need for the press ot partner with its effort in speeding the reconciliation and reconstruction processes of the country as well as to save the nation the headache of being noted amongst worst governed societies where infractions against the press ranks paramount. Now, news coverage by a member of the Press Union of Liberia (PUL), Radio Veritas seems to infuriate authorities of MICAT. . .
http://allafrica.com/stories/printable/200712120921.html
(via Zacharias Liangas, DXLD)

** LIBYA. 15150 [tentatively Libya]. Likely third transmitter from Sabrata noted again on Dec 10th and 11th at 1300-2000 UT. Test transmission with modern Cairo style Arabic songs and dance orchestra music. Co-channel QRM of V of Russia, Moscow at 13-15 UT. Voice of Africa Sabrata Libya still on 17725 and 21695 kHz at time slot from 1200-1700 UT range (Wolfgang B¸schel, Germany, Dec 11, dxldyg via WORLD OF RADIO 1386, DX LISTENING DIGEST)

** LITHUANIA. See IRAN [non]

** MADAGASCAR. 5009.94v, 20/11+02-03/12 1840-1955, RTV Malagasy, talks in Malagascian and French, better in USB. Sunday s/off later. fair/good (Giampiero Bernardini & Dario Monferini, Bocca di Magra (La Spezia, Italy), DX-pedition, New SDR receiver Perseus; RF Space SDR-IQ; CiaoRadio H101; AOR AR7030; 2 Degen DE1103 --- ant: Wellbrook LFL 1010, dxldyg via DX LISTENING DIGEST)

** MALAYSIA. 7295, Traxx FM via RTM, 1540-1653, Dec 11, in English, "Jazz Selecta" program (scheduled for Tuesdays, 1415-1700), IDs: "50,000 watts, no satellite dish required", "90.3 Traxx FM, experience the excitement", played EZL jazz instrumentals and vocals, ToH 2 pips, "News update at midnight", back to jazz, mostly fair, but poor by tune-out. Next weeks show will feature Nelson Rangell's jazz and Christmas jazz (Ron Howard, CA, EtÛn E5, dxldyg via DX LISTENING DIGEST)

** MALI. RTM Bamako can be heard regularly in Europe on 11960 from 0800 to around 1000 fade-out. Mainly news in Bambara. 73 (Thorsten Hallmann, M¸nster, Germany, Dec 13, DX LISTENING DIGEST)

** MAURITANIA. 4845, 02/12 2135-2140, R. Mauritanie, Arabic talks, poor audio. Reactivated, weak (Giampiero Bernardini & Dario Monferini, Bocca di Magra (La Spezia, Italy), DX-pedition, New SDR receiver Perseus; RF Space SDR-IQ; CiaoRadio H101; AOR AR7030; 2 Degen DE1103 --- ant: Wellbrook LFL 1010, dxldyg via DX LISTENING DIGEST)

** MEXICO. XEOI, 6010, weak Dec 13 at 0719 giving website http://www.radiomil.com.mx with a subaudible heterodyne of about 2.5 Hz, presumably from Colombia which on this occasion was even weaker. My congrats to both of them for getting their frequencies so close, instead of the former situation of several hundred Hz apart, always causing an audible heterodyne. From website we learn that XEOY`s slogan is ``Vive MÈxico`` (not Viva), which means Mexico Lives (not Long Live Mexico). Here`s their program schedule displaying current day unless you click on another: http://www.radiomil.com.mx/v2/programacion.php (Glenn Hauser, OK, DX LISTENING DIGEST)

** MEXICO. XEXQ missing from 6045 again at various day and night chex Dec 11-13 (Glenn Hauser, OK, DX LISTENING DIGEST)

XEXQ de nuevo al aire, despuÈs de realizar algunos ajustes a la antena, nuevamente se capta con buena presencia a R. Universidad de San Luis PotosÌ en los 6045 kHz. 73¥s (Juli·n Santiago DÌez de Bonilla, DF, 2109 UT Dec 13, DX LISTENING DIGEST)

** MICRONESIA. 1494 kHz at 1028 UT, V6AI Colonia. Despite being a Pacific station, this was one of the highlights of the trip for me, amazingly enough have not been able to hear this in Townsville (Queensland) or (Nhulunbuy Northern Territory). Noted with Island language monologue from male at 1015 but at 1028 with English ad from Agriculture & Forestry for flight changes affecting their conference, promos for the Annual Competition of Elementary Schools and IDs ìThis is V6AI Radioî. Talk of UN Day and then into news at 1030. Oct 24 (Craig Edwards, DXing from Broome, Western Australia using Icom R75 with EWE to central Africa, 200m unterminated BOG to central Africa, 100m unterminated BOG to Europe, Dec Australian DX News via DXLD)

** MONGOLIA. 4895, 30/11+03/12 *2200-2330, Radio Mongolia, Murun, home service in // 4830, melodic songs, fair/good (Giampiero Bernardini & Dario Monferini, Bocca di Magra (La Spezia, Italy), DX-pedition, New SDR receiver Perseus; RF Space SDR-IQ; CiaoRadio H101; AOR AR7030; 2 Degen DE1103 --- ant: Wellbrook LFL 1010, dxldyg via DX LISTENING DIGEST)

** MYANMAR. 5770 usb, 30/11+02/12 1420-1440, Myanmar Broadcasting Forces, ID at 1430, military march, news poor/fair (Giampiero Bernardini & Dario Monferini, Bocca di Magra (La Spezia, Italy), DX-pedition, New SDR receiver Perseus; RF Space SDR-IQ; CiaoRadio H101; AOR AR7030; 2 Degen DE1103 --- ant: Wellbrook LFL 1010, dxldyg via DX LISTENING DIGEST)

** NETHERLANDS [non]. RN`s confusing program info --- Not referring to

the website, but the printed so-called "program guide" this season: I was really disappointed in seeing it when it came in the mail, as it does NOT give data as to which programs are broadcast on which days any more. Maybe they deliberately did this to help hide the fact that they discontinued their best program, "Research File". :-(73, (Will Martin, MO, Dec 12, dxldyg via DX LISTENING DIGEST)

Hi Will, Unfortunately, due to the many staff and programme changes, it was not possible to send this information out ahead of time. Changes were still being made to the playout times (and programme titles) a few days before the start of the winter season. As far as I know, On Target will be back in its usual format in the spring. Research File was discontinued because Thijs Westerbeek moved to a new job, where he now prepares science-related material for all languages, not just English and Dutch. His material is now featured on several of our other programmes. Thereby it reaches a wider audience than it did before. If you are only interested in science, I can see that this will be a disadvantage to you. There is a reason for everything, and you only have to ask. But I guess it's more fun to imagine that there's a more sinister motive :-) (Andy Sennitt, Radio Netherlands Worldwide, ibid.) See also UZBEKISTAN

** NEW ZEALAND. 3933, 1300 UT, Radio Reading Service fair with reading in English ñ DD 30/10 (Des Davey, Te Kuiti, New Zealand, FRG 7000, FR 250, FRG 7700, JRC 535, 50m & 120ft wires, Dec NZ DX Times via DXLD)

?? Have never seen them reported off-frequency before from 3935; is this correct? (gh, DXLD)

** NEW ZEALAND. THE TV ANALOGUE SWITCHOVER --- Television watchers will find out in another four years when they have to sign up for digital television or be unable to get a signal at all. The Government has announced it will set a final date for switching off the old analogue system in either 2012 or after 75 per cent of homes have switched to digital (NZ Herald, December 5 2007, via NZ DX Times via DXLD)

** NIGERIA. 9690, V. of Nigeria, Ikorodu. Starting to hang on later now, Fulfulde program 0918, news and comment about situation in Somalia. Into English 1000, with ID and intro. Traced through until 1100 when blocked by CRI, 6/12 (Craig Seager, Bathurst NSW (Icom R75, Dipole, Dec Australian DX News via DXLD)

** OKLAHOMA. ICE STORM AFFECTS TULSA RADIO

Locals KCFO-970, KGTO-1050, KAKC-1300 and KMUS-1380 currently off the air. KTBZ-1430 has IBOC turned off. Presumably all due to the major ice storm. My antenna mast has been bent at 90 degrees and the wires

are all tangled up in my mangled willow tree in the back yard. Fortunately we still have power, unlike many others here in NE Oklahoma. Major tree damage and power outages in the Tulsa area. Guess I'll try the DX398 this evening since my outdoor wires are toast. (Bruce Winkelman, AA5CO, Tulsa, OK, R8, Quantum Phaser, 2 tangled/mangled 50 foot wires, Dec 10, ABDX via DXLD)

Bruce, You are blessed that you still have power! Is the ice storm damage in the Tulsa/Claremore area as bad as it was in the McAlester area last year? We (Southern Baptists of Texas Disaster Relief) sent some of our Chainsaw Units up there to help the folks get the downed limbs and trees off of and out of their houses. Stay warm, my friend! 73, (Steve Ponder N5WBI, Houston TX, ibid.)

Just heard from Clear Channel's senior engineering VP, Steve Davis, who's based in Tulsa. He says the good news is that so far as he's heard, none of the stations in town have lost their towers to the ice. They're off air either because they have no generators or the generators have failed.

There are lots of folks here in Rochester who are still traumatized by the 1990 ice storm here that left power out in some areas for two weeks. Nobody lost towers here, either, but a lot of stations that hadn't had generators found some good reasons to install them after that! s (Scott Fybush, NY, ibid.)

That's what a lack of proper maintenance does. I saw some pictures from one of our list members on the German Shepherd forum. It looked like ALL the trees had severe damage or were destroyed (Powell E Way III, SC, ibid.)

Steve, the damage is quite bad, probably similar to what the folks in McAlester experienced last year. The willow tree in the back yard is damaged and will have to come down (I was planning on bringing down anyway in a year or so) and my big oak in the front yard is really ugly looking right now, losing a lot of the top to the ice (Bruce Winkelman, ibid.)

Locals KCFO-970, KGTO-1050, KRVT-1270 and KMUS-1380 all still off as of this evening. KAKC-1300 noted back on this AM on drive to work, KBTZ-1430 never off but their IBOC has been turned off. I have logged 4 new ones and 2 tentatives so far on the vacated local frequencies. I'll have details later but new ones include 970: WGTK-KY, WDAY-ND and WMAY-IL 1380: KHEY-TX. Tentative logs 1050: CKSB-MB and 1380: KLIZ-MN.

The wires that came down with the willow tree in the backyard are still useable but phasing is difficult and unpredictable. One of the wires is mostly on the ground, the other is still "kind-of" in the

air, draped over, thru and around broken limbs.

A lot of Tulsa is still without power this evening. We still have power here at the house but one of my stores [pharmacies, presumably] is still power-less. We operated a few hours today using a borrowed generator, enough power to operate one computer and printer. KRMG-740 was giving away firewood today for folks without power that have fireplaces. They got a lot of good publicity on local TV news programs this evening! Tragically, there have been 36 hospitalizations and 2 deaths here in Tulsa due to carbon monoxide poisoning from gasoline-powered generators being used *indoors* (Bruce Winkelman AA5CO, Tulsa, OK, R8, DX398, Quantum Phaser, 2 mangled/tangled 50 foot wires, Dec 12, NRC-AM via DXLD) See also USA: for KS, MO tower collapse, et al.

** PAKISTAN. 4835, 0315-0335 05-12, R. Pakistan, Islamabad English discussion, short music, poor modulation 34322 AP-DNK (Anker Petersen, Denmark, via Dario Monferini, playdx yg via DXLD)

** PAPUA NEW GUINEA. 7325, Wantok Radio, Port Moresby. Quite strong at times, but spoiled by noise. Christmas song ìOh, little star of Bethlehemî, followed by syndicated English religious talk at 1148 on 27/11 (Dennis Allen, Milperra NSW (Icom R75, Dipole), Dec Australian DX News via DXLD)

** PAPUA NEW GUINEA. Re 7-150: New Ireland 3905 item - sorry, Glenn, I didn't adjust from EST to UT, so the times are 1259-1300* UT (Jim Renfrew, NY, DX LISTENNING DIGEST)

** PAPUA NEW GUINEA [non]. 3905, 29/11 1920-1959, Dutch pirate harmonic, with electronic music. Attention, this is not Papuasia, fair/good (Giampiero Bernardini & Dario Monferini, Bocca di Magra (La Spezia, Italy), DX-pedition, New SDR receiver Perseus; RF Space SDR-IQ; CiaoRadio H101; AOR AR7030; 2 Degen DE1103 --- ant: Wellbrook LFL 1010, dxldyg via DX LISTENING DIGEST)

** PERU. 4790, 1235, R. Atl·ntida good in Spanish/Quechua ñ DD 20/11 (Des Davey, Te Kuiti, New Zealand, FRG 7000, FR 250, FRG 7700, JRC 535, 50m & 120ft wires, Dec NZ DX Times via DXLD)

List log? Has been inactive vs the Peruvian everyone else is reporting, R. VisiÛn. In case he actually IDed Atl·ntida, this would be news (Glenn Hauser, DXLD)

** PERU. 5039.13, Radio Libertad, 1105-1115 Dec 12, in here with just huayÒos music. Male in Spanish comments using the echo effect; I thought that had gone out in the nineties, then back to music. CODAR isn't this high on the band and even weak signals are easier to listen to without it. Radio Libertad was poor (Chuck Bolland, Clewiston,

Florida, NRD545, dxldyg via DX LISTENING DIGEST)

** RUSSIA. 6005, Adygey Radio, Maykop. In Adygean only on Sundays from 1900 with NA, talks in vernacular and songs on 18/11.

Here is the complete schedule of Caucasian Service from Armavir in B-07, all on 6005: Adygei Radio, Maykop, Adygei Republic
1800-1900 Fri and 1900-2000 Sun in Adygean
1800-1900 Mon in Adygean, Turkish and Arabic
All Studio 1830-1900 Wed and Sun in Kabardin and Circassian, Tue in Karachai and Balkarian (Rumen Pankov, Sofia, Bulgaria (Sony ICF-2001, Marconi), Dec Australian DX News via DXLD)

** RUSSIA. 11615 DRM, V. of Russia, Taldom. English news, fairly steady 0702, SNR peaking 17.0 dB, mono 17.46 kbps, 7/12 (Craig Seager, Bathurst NSW (Icom R75, Dipole, Dream DRM software, Dec Australian DX News via DXLD) See also CONGO DR for mix on 6210

** SAUDI ARABIA. 15250, BSKSA, Riyadh. English service continues to be heard here, very good 1227 with talk about nuclear weapons, heavily accented announcer, cut out midsentence 1229, 8/12. This is the best time of the year to hear European and Middle Eastern stations in our evenings on the higher bands (Craig Seager, Bathurst NSW (Icom R75, Dipole, Dec Australian DX News via DXLD)

** SERBIA. Hello, dear Glenn, International Radio Serbia broadcasts a program through the satellite EUTELSAT 2 as of December 10th. http://www.glassrbije.org The Hungarian broadcast from Beograd on 7240 kHz last heard at end of October. 73, (Istvan Kiss, Hungary, Dec 11, DX LISTENING DIGEST)

** SERBIA [non]. International R Serbia will soon reactivate BIJELJINA

Dear DXers, Intl R Serbia website http://www.glassrbije.org says they've already started using BIJeljina, Bosnia 250 kW, but that is not true.

Quote:
"According to Milena Jokic, program is once again being broadcast over short waves to Australia and America, which was interrupted due to technical difficulties."

Today morning I phoned Belgrade, but since the technical director weren't there, the staff told me the Bijellina, Bosnia will probably be reactivated on December 15 or around there.

Here is the mentioned text in full, taken from
http://glassrbije.org/E/index.php?option=com_content&task=view&id=575&Itemid=32

PROGRAM OF INTERNATIONAL RADIO SERBIA VIA SATELITE

10. December 2007

International Radio Serbia broadcasts a program through the satellite EUTELSAT 2 as of December 10th. Thus, one of the oldest media houses in Serbia is even closer to listeners with a program also broadcast on short waves and the internet, and in 11 foreign languages and Serbian. On this occasion director of our radio Milena Jokic talked with Sladjana Pavic.

By starting the satellite program, the offer of International Radio Serbia, former Radio Yugoslavia, is now complete. The program will be broadcast via satellite 24 hours a day, whereby the informing of the world public and our Diaspora will be of a better quality, as exists in media houses in neighboring countries and the world. This is important as thus the Diaspora and the world public will have complete information about events in Serbia, which is especially important today when our country is facing a difficult political situation in Kosovo and Metohija, says Milena Jokic. Besides broadcasting current political information which relate to the resolving of the future status of Kosovo and Metohija, we also focus on informing the world public about Serbiaís cultural heritage, tradition and customs, and most of our cultural heritage is in fact located in Kosovo and Metohija. This is why I would like to single out, says Milena Jokic, the information-political programs in news format at 12.00 am, 3.30pm, and 9.30pm in Serbian, and the one hour long program entitled CULTURAL HERITAGE which presents the cultural heritage of Serbia, especially from Kosovo and Metohija. There is also the program FROM GENERATION TO GENERATION, which with aptly chosen music talks about our customs and tradition.

According to Milena Jokic, program is once again being broadcast over short waves to Australia and America, which was interrupted due to technical difficulties. Listeners also have at their disposal the new website http://www.glassrbije.org which features information in written and audio format about areas such as politics, economy, culture and sports. Talking about the future of International Radio Serbia, Milena Jokic said that the best solution would be to broadcast an international radio program through the RTS public service, and this program, as a world service, would be financed from the budget of the Republic of Serbia, which is the world practice. Thus, as a world service, our radio would become part of the family of world radio stations, and as part of the global communications system represent our country, its political strategy and culture, concluded director of International Radio Serbia Milena Jokic.

Best regards! (Dragan Lekic from Serbia, Dec 11, dxldyg via DX LISTENING DIGEST)

Dear all, As of today, Dec. 13, 2007 International R Serbia is available LIVE 24 hours a day on the internet with a very good mp3 stream quality of 56 kbps / 44 kHz / mono. Here is the stream's link:
http://centrala1.securesites.net:8000/listen.pls
Best regards! (Dragan Lekic from Subotica, SERBIA, DX LISTENING DIGEST)

Yes, started listening at 2129 UT Dec 13, with IS in multiple authentic instrument variations, 2130 opening French, ``Radio Serbie Internationale sur 7240 kHz``. Top story, natch: Kosovo (gh, DXLD)

Radio Serbia back in French at 2130 on 6100 (13 Dec) Fair signal but suffers from QRM (J M Aubier, France, dxldyg via DX LISTENING DIGEST)

** SINGAPORE. And you thought US citizens are taxed to death! Maybe you already knew this, but if you live in Singapore and want to watch television in your home or listen to your car radio, you have to have a license to operate either one. In the words of Bart Simpson, "Don't have a cow, man!"

Yep, it's true. And it costs money for EACH license. A Residential Television License and a Vehicle Radio License. Each are renewable annually or every six months. The cost? TV = $110 Singapore dollars; Radio = $27 Singapore dollars. Courtesy of the Media Development Authority (MDA), the strong arm of the Singapore Broadcasting Authority.

'And then there was a knock at the door. It was two MDA agents, who had heard television audio through the door. "Excuse me ma'am, do you have a license to operate that thing?" Hmmmmm.....'

And the link to the license page is...
http://www.mda.gov.sg/wms.www/devnpolicies.aspx?sid=185

(Jim Thomas, wdx0fbu, Milliken, Colorado (40 miles north of Denver) 40 18.642'N 104 52.566'W, WTFDA via DXLD) Repeatedly spelt Signapore. See UK

** SLOVAKIA. EGR via Slovakia --- Looks like the words "broadcasting from Slovakia" have now been removed from the website
http://www.panambc.com/europe.htm
(Jari Savolainen, Finland, Dec 11, dxldyg via DX LISTENING DIGEST)

Ha! IRRS are going back to cover their trax, but it`s too late. I remained baffled why a guy like Bob Zanotti who seems to be

straightforward, and has lately been talking about his deep involvement as a partner in IRRS, e.g. at EDXC, still tries to hide the transmitter site. But then his own involvement in IRRS was kept secret for many years (Glenn Hauser, DX LISTENING DIGEST)

See Google Cache download of Nov 20. 73 wb (Wolfgang B¸schel, ibid.) Viz.: http://www.radiopanam.com/europe.htm

``Home | Who We Are | Broadcast Bands | Stations | Q & A | PanAmers | Quick Links | Contact Us

EUROPEAN GOSPEL RADIO - EGR* * *Coverage: *All of Europe, Portions of Former Soviet Union. * * Potential Audience**: * 163 million souls * *Power: *150,000 watts * *Transmitter: * Shortwave _ (What's Shortwave...?) _ * We are excited about our newest European service broadcasting from Slovakia utilizing state of the art broadcast equipment and digital technology. With the station's new strategic location your messages will reach a larger audience with a powerful and clear signal. Beaming a powerful 150,000 watts throughout all of Europe and portions of the former Soviet Union you have the potential of reaching over 163 million shortwave radio listeners! And, you will also minister to many more souls via the internet with the station's streaming audio technology. * * Testimonials * * * Listen Now * * * Recommend Us * * * Reserve Now * *`` (via DXLD)

** TIBET. Tuning through 49mb Tuesday evening I heard classical music on 6130 at 0145z. I checked for parallels and found the same program on 5240 & 7385 (all synchronized). So, must be Peoples Broadcasting Service via Lhasa (Jerry Lenamon, Waco TX, Drake R8B, sloper, Dec 12, dxldyg via DX LISTENING DIGST)

** TUNISIA. 7360, spurious of RTT Sfax Arabic 7275/7190 / 85 kHz at 0600-0630 UT, just equal level like co-channel Vatican Radio. On symmetrical 7105 kHz nothing noted so far. 73 wb (Wolfgang B¸schel, Germany, Dec 12, harmonics yg via DXLD)

** TURKEY. 11910.08, TRT «akirlar in Albanian, odd buzz tone some 80-90 Hertz, 1230-1300 UT. Buzzy het against co-channel REE Beijing on 11910 even, latter in Spanish 1200-1400 UT (Wolfgang B¸schel, Germany, Dec 11, dxldyg via DX LISTENING DIGEST)

** TURKEY. Live from Turkey, Thu Dec 13 at 1400 on 12035, but switched to webcast so I could hear every word; three announcers in studio trashing Pres. Sarkozy for latest conflict with France over EU admission, and also David Crystal for his published comments, but they still want him to call in again (Glenn Hauser, OK, DX LISTENING DIGEST)

** UKRAINE. Re GERMANY [non] above: Deutsche Welle QSL --- So, seems the Ukrainians replaced mothballed Lviv site registration later by Mykolaiv, west of Crimea.

Simferopol Crimea Ukraine is the old "veiled" call of the USSR era, used with ITU in decades. But transmitter site is really 255 kilometers away northwest, near

UKR Mykolaiv Luch Posad-pokrovskote SW 500/1000kW MW 1431 160kW
46 48'55.92"N 32 12'36.46"E
http://www.flashearth.com/?lat=46.815794&lon=32.210902&z=14.5&r=0&src=ggl

Microsoft Virtual Earth
http://www.flashearth.com/?lat=46.815794&lon=32.210902&z=12.6&r=0&src=msl
(Wolfgang B¸schel, dxldyg via DX LISTENING DIGEST)

** U K. BBCWS, 5875, VG reception with news Dec 13 at 0648-0659:30* after program promo at 0659 with time only in CET! Do they really think everyone listening to this frequency will be in the UT+1 zone? More management ignorance of SW. This is Rampisham at 62 degrees, but plenty of signal way over here, scheduled at 05-07 (Glenn Hauser, OK, DX LISTENING DIGEST)

** U K. New BBCWS website scheduled to launch today (12 December). As I've mentioned before, the BBCWS has been in the works of revamping its website. The new site is scheduled to launch today (Wednesday) but as of 1457 UT the current site remains up.
http://www.bbc.co.uk/worldservice/

The World Service is well into its special season of programming surrounding its 75th anniversary, and those who are interested in policies and decisions regarding how the BBC gathers and reports news and information may want to check out this special season of programs.

I highlighted several of them in my NASWA Journal column in December and will post the column to the blog shortly for those who aren't NASWA members (Richard Cuff / Allentown, PA USA, swprograms via DXLD)
Viz.:

75TH ANNIVERSARY PROGRAMMING - BBC WORLD SERVICE
From my NASWA Journal December column:

December marks the 75th anniversary of the BBCís efforts in international broadcasting; the Empire Service, later more humbly called the World Service, made its debut in 1932; there is a special season of programs celebrating the BBC and freedom of information. This special season is called Free To Speak.

The subjects below ñ in part analyzing how the BBC and other global news media gather, prioritize, edit, and report news, should be very interesting to those who are interested in how the BBC decides what to put on air. . .
http://intlradio.blogspot.com/2007/12/75th-anniversary-programming-bbc-world.html
(via DXLD)

** U K. Re SINGAPORE, above: This is not at all uncommon around the world. In Britain, you no longer need a license to listen to the radio, but you need one for a TV, and yes, they do enforce the law.
http://www.tvlicensing.co.uk/index.jsp

It's not cheap, either - 135 quid a year for colour TV, which is about 280 bucks at present exchange rates. The money, at least in this case, goes to pay for the BBC's operations. That amounts to somewhere in the range of 500 times as much per year, per household as goes to the public broadcasting system in the US from the federal budget.

On the plus side, the BBC doesn't have on-air fund drives!

Here's Wikipedia's entry on TV licensing:
http://en.wikipedia.org/wiki/Television_licence
s (Scott Fybush, NY, WTFDA via DXLD)

** U S A. 11895, Creole. Why does Greenville use 5 kHz up on 11895 kHz in Creole - ID like Voix du [sic] AmÈrique - Dec 10th and 11th? Scheduled 11890 at 1230-1300 UT, but 11895 at 2100 and 2200 UT. (Wolfgang B¸schel, Germany, Dec 11, dxldyg via DX LISTENING DIGEST)
VOA relay on 6210: see CONGO DR

** U S A. AFN, 7811-USB, STILL with audio cutting out every few seconds, Dec 12 at 0700 during AP Radio News; // 5446 from same Saddlebunch Keys site (not ``Key West`` as AFN claims), was weaker but not breaking up (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. WBCQ`s new ``Area 51`` program starts Friday Dec 21, and will be 7 days at 2200-2400 on 5110. Allan Weiner confirms that WORLD OF RADIO will be included, Fridays at 2330 UT (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. 7250, 2007, WHRA good in English with gospel singing and religious program ñ KAB 12/11 (K A Baird, Christchurch, 8051, New Zealand, Dec NZ DX Times via DXLD)

This is an incredible logging. Doesn`t everyone know that it is impossible for SWBC stations in the USA to operate in the 40-meter hamband, 7000-7300? This must axually be Vatican Radio, and I am sure neither would be happy to be confused with the other. O --- must be a

transposition for 7520, where WHRA is indeed scheduled weekdays (Glenn Hauser, OK, DX LISTENING DIGEST) WYFR/WWCR: see FINLAND

** U S A. Solstice Live early --- Hi Dan, Enjoying this year`s Paul Winter concert on WUOT, really long before real Solstice, and in view of this
http://worldmusiccentral.org/article.php/paul_winter_winter_solstice_2007

I am wondering how you manage to get it on the air two days before it happens? Or are we really hearing a previous year`s recording? I assume it is never really broadcast live, must involve some post-production to go so smoothly. Regards, (Glenn Hauser to Dan Berry, WUOT PD, UT Dec 12, via DXLD)

Hey, Glenn! You are doing well, I trust. According to our resident expert on Paul Winter concerts Allan Ellstrom, this is indeed last year's program. It gives them a whole year to do their editing. (Dan Berry, WUOT, DX LISTENING DIGEST)

As I suspected, but the 2007 live performances currently underway at the Cathedral of St. John the [allegedly] Divine seem to match the content of the broadcast show I heard. Do they bring back exactly the same performers and angles? E.g. this one involved Crestone, Colorado (Glenn Hauser, DX LISTENING DIGEST)

** U S A. Two items of interest regarding HD Radio in the Philadelphia market: Since October, KYW Newsradio 1060 has been heard on rock station WYSP's HD-2 channel on 94.1-FM. Also, coming soon on smooth-jazz WJJZ-97.5 (now for the Philly market, ex-Trenton) will be classical music on its HD-2 channel (Joe Hanlon, NJ, Dec 11, DX LISTENING DIGEST)

** U S A. Here's a station you can call the "c-word" without fear of contradiction. KZEY 690 Tyler TX gets slapped with an $11,000 fine for a missing public file and for operating from a non-directional antenna instead of its licensed two-tower DA for at least a year - June 2005-June 2006:
http://hraunfoss.fcc.gov/edocs_public/attachmatch/DA-07-4935A1.pdf
I don't recall seeing them showing up in anyone's loggings during that period; were they heard anywhere they shouldn't have been? (They're licensed with 1000 watts day, 92 watts at night, with most of the power aimed to the SE and a tiny back lobe to the NW.) s (Scott Fybush, NY, WTFDA-AM via DXLD)

** U S A. I just talked with Brian Clark at KLAA [830 Anaheim CA] and the DX Test this weekend is all set to go. He said they will run a 30-second chunk of Morse code and sweep tones near the top of the hour, and another shorter version near the bottom of the hour. As a

reminder, here is the scoop on the test:

Date: Saturday morning (late Friday night), Dec. 15, 2007. Time: 1 ñ 2 a.m. Pacific Time, 0900ñ1000 UT. Modes of Operation: 20,000 watts using nighttime directional antenna pattern. Programming: Morse code IDs inserted into regular programming. For full details, go to: http://www.dxtests.info/2007/10/klaa-830-anaheim-ca-dx-test.html

I'm waiting to hear back from KQMS to confirm that test is a go, and will check with Paul Lotsof at KEVT closer to the end of the week to ensure all is set there (Jim Pogue, KH2AR/WPE9HLJ/KG6DX1A, Memphis, Tennessee USA, Dec 12, DX LISTENING DIGEST)

** U S A. COMMUNITY RADIO TO SWITCH FREQUENCIES, REBUILD TOWER
By Joe Hadsall, Joplin Globe

Chris Freund, news director for Community Radio Group, said anyone who believes that a frequency switch is a publicity stunt should visit a twisted pile of metal in Columbus, Kan.

A 312-foot radio tower, which broadcast active-rock station KJML on 105.3 FM, collapsed Wednesday. Station officials believe the weight of ice accumulation caused two of the towerís three legs to break.

ìWe wish it was just a stunt,î Freund said. ìThe tower basically broke in half.î

KJML is now broadcast on 107.1 FM and replaces KMOQ, a current-hit/top-40 station. Freund said KJML performed better in the most recent Arbitron ratings period.

KMOQ will be broadcast on 105.3 FM once the tower is replaced.

Several other stations remained off the air Wednesday because of power outages. Freund said KCAR 104.3 FM remained off the air.

Ron Petersen said both of his stations, KMXL-FM and KDMO-AM, have been off the air since 4 p.m. Sunday ó the longest outage he has experienced in 44 years, he said.

The tower that sends the signal for KMXL at 95.1 FM is in Carthage and powered by Empire District Electric Co. Petersen said he doesnít understand why radio stations and other media are not afforded priority regarding restoration of power.

ìObviously, emergency services, hospitals, police, those should be A-priority,î Petersen said. ìBut media should be in the Bís, in my mind. We are the mouthpiece for those services and can talk to the massî...

http://www.joplinglobe.com/local/local_story_346223553.html (via Artie Bigley, DXLD) Despite the name ``Community``, this appears to be a commercial radio group (gh, DXLD)

** UZBEKISTAN. 9345, Radio Netherlands, 1403, 12/11/07, English. Newsline with a roundup of world news, then a longer story about the Serbia-Kosovo independence situation. Fluttery, but a much better signal than when last logged here a few months ago. Fair (Mark Schiefelbein, MO, DX LISTENING DIGEST) ex-8345

** VATICAN. 4004.64v, 30/11 2125-2130, Vatican radio, Spanish service, drifting from 4005 in // 1530 kHz, fair/good (Giampiero Bernardini & Dario Monferini, Bocca di Magra (La Spezia, Italy), DX-pedition, New SDR receiver Perseus; RF Space SDR-IQ; CiaoRadio H101; AOR AR7030; 2 Degen DE1103 --- ant: Wellbrook LFL 1010, dxldyg via DX LISTENING DIGEST)

** VENEZUELA. EN B′SQUEDA DEL CAMBIO DE HUSO HORARIO

Unos dÌas antes del referÈndum del 2D para lograr la aprobaciÛn de la propuesta de Reforma Constitucional, propulsada por el lÌder de la RevoluciÛn Bolivariana, Hugo Ch·vez FrÌas, comenzaron a ser transmitidos de nuevo los "spots" publicitarios acerca del cambio de hora. Tan sÛlo unos dÌas antes - el 27 de noviembre - Venezuela habÌa sido autorizada por los organismos internacionales competentes en la materia, para llevar a cabo tal medida.

Debido al poco tiempo para promocionar el cambio de horario - menos de 10 dÌas - muchos venezolanos ni siquiera sabÌan acerca de retrasar sus relojes media hora, para la madrugada de domingo 9 de diciembre.

El s·bado 8/12 pude sintonizar a YVTO en los 5000 kHz, con SINPO 3/3, a las 2332 UT. Por tratarse de un momento histÛrico, deseaba escuchar - y grabar - el cambio a UTC -4:30, de manos del organismo oficial encargado de la Hora Legal de Venezuela: el Observatorio Naval Cagigal.

Lamentablemente, al monitorear de nuevo la seÒal a las 0441 UTC, pude constatar que estaba fuera del aire y sÛlo se percibÌa la dÈbil presencia - para esa jornada - de las estadounidenses WWV/WWVH. A las 0640 UTC sintonicÈ VTV, el canal de todos los venezolanos, y emitÌa el arribo del presidente Ch·vez a Buenos Aires. Nuestro LÌder cumplÌa asÌ con la invitaciÛn del Estado Argentino para asistir a la toma de posesiÛn de Cristina Fern·ndez.

Cinco minutos antes de las 0700 UTC, se hizo un "pase" al Observatorio Cagigal. En presencia de autoridades de la Armada y dicha instituciÛn, se procediÛ en vivo y directo - para todo el paÌs - al cambio de la

Hora Legal de Venezuela, exactamente a las 3 am (0700 UTC) de ese dÌa. En dicho instante pude ajustar el nuevo huso horario en los telÈfonos celulares de la operadora GSM Digitel, lo cual no fue posible - por ejemplo - en los aparatos de la ahora compaÒÌa estatal Movilnet. Estos ˙ltimos - los de Movilnet - mantenÌan la hora anterior UTC -4:00; por lo visto el procedimiento en Èsa y otras operadoras fue autom·tico, ya que horas despuÈs se logrÛ comprobar la adopciÛn del nuevo huso horario en tales telÈfonos mÛviles.

Entre las motivaciones ofrecidas por el Estado Venezolano para poner en pr·ctica el retraso de media hora, est· la de sincronizar nuestros tiempos con la salida del sol. En este sentido, los niÒos que deben asistir muy temprano en la maÒana a las escuelas primarias, podr·n salir de sus casas ya cuando los rayos solares estÈn resplandeciendo en el cielo. Esto redundarÌa en un mejor desarrollo fÌsico e intelectual de los infantes.

En lo personal, he realizado una lista de conversiÛn horaria UTC-HLV, para acostumbrarme al nuevo huso y no perderme mis espacios favoritos en onda corta. Igualmente hay que estar muy pendientes de la programaciÛn distribuÌda por satÈlite o cable. Ahora las medias horas ser·n la pauta a seguir - por los venezolanos - en esos sistemas.

73s y buen DX (Ad·n Gonz·lez, Catia La Mar, Estado Vargas, VENEZUELA, Dec 12, DX LISTENING DIGEST) Huso? My dixionary only says it means spindle or bobbin. Uso? (gh, DXLD)

En el aire con buena seÒal el Observatorio Naval Cagigal, YVTO en 5000 kHz, escuchado la noche de hoy con aceptable seÒal (JosÈ ElÌas DÌaz, GÛmez, Venezuela, UT Dec 12, Noticias DX yg via DXLD)

** VENEZUELA. 5000, YVTO (tentative), 0505, 12/13/07. Audible tones on the second during WWV/H's clicks, weak voice announcements (possibly in Spanish) under WWV's own. The tones were making it through much better than the voice. Lots of rapid fades on WWV/H, which is rather unusual (Mark Schiefelbein, MO, DX LISTENING DIGEST)

5000, Dec 11 at 0710, could barely hear some Spanish under WWV and WWVH, and the pips seemed well synchronized. I can only assume it be the sporadic YVTO Cagigal, but I would really like to hear a clear half-hour-offset time announcement from them (Glenn Hauser, OK, DX LISTENING DIGEST)

** VIETNAM. 9850, V of Vietnam, Xuan Mai. Weak level signal almost obliterated by noise. Childrenís choir in what is reported as Minorities Network, 0405 27/11 (Charles Jones-Y, Castle Hill NSW (FRG 100 and 70m. long wire), Dec Australian DX News via DXLD) Y probably means a remote Dxpedition site, not explained, even with different

equipment (gh)

** ZAMBIA. 9430, CVC via Lusaka (?). There are reports that CVC now using their new Zambia transmitter here ex-Wertachtal, but I remain sceptical about this frequency, at least. Very good signal with news report 0500 ñ but anything else from Southern Africa (i.e, Meyerton) in same time period way down in strength, or absent this day, 8/12

13590 CVC, Lusaka. Supposedly from this site from 1/12, weak in English 1203 with news story about human rights. Same program as 13635 (Darwin), but a bit of lag, 8/12 (Craig Seager, Bathurst NSW (Icom R75, Dipole, Dec Australian DX News via DXLD)

UNIDENTIFIED. 6095 with big open carrier until 0642* Dec 13, aside Anguilla 6090; what could this be? Nothing likely on the lists, unless Luxembourg was testing analog instead of DRM. Or another IBB test-only frequency (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED [non]. Re DXLD 7-150, 6959 USB --- Yes, most likely the Lincolnshire Poacher. Fits the sked:
http://www.angelfire.com/rebellion2/sw_underground1/E3Sked.html
(Steve Lare, Holland, MI, USA, dxldyg via DX LISTENING DIGEST)

UNIDENTIFIED. 12260, Heard here on several occasions at various times. On this day, 7/11, good reception of presumed Chinese classical music with traditional instruments. Heard from 0950 until sudden unannounced s/off at 1000 (Dennis Allen, Milperra NSW (Icom R75, Dipole), Dec Australian DX News via DXLD)

So was it Firedrake? Need to be able to recognize that. Sure seems like FD behavior, against Sound of Hope with usual TOH monitoring break. Came back at 1005? Should have kept listening. 2 x 6130 or fundamental? (Glenn Hauser, DXLD)

UNIDENTIFIED. The continuous Arabic music on 15150 continues to be heard, but worse than before, despite ascending solar flux, 94 as of Dec 12; such as Dec 11 at 1531 poor with flutter; ditto Dec 12 at 1511, Dec 13 at 1440 (Glenn Hauser, OK, DX LISTENING DIGEST)

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UNSOLICITED TESTIMONIALS
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Dear Glen[n], Re: ``Brother Scare, 13810 via ``Jew-lick``, GERMANY, Dec 4 at 1439, running about 1 second behind WWRB 9385``

I have been a fan of yours for a number of years and appreciate the
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time you put into WOR and other DX activities. I saw this post of yours in HCDX and was a bit taken aback at Julich spelled as "jew-lick". I haven't seen this before and I ask you to please not use this again. I am actually hurt by this reference, Brother "Scare" not withstanding. You may not have seen this as offensive, but it can incite others. Brother Stair was no friend of the Jewish community and I hope this was a "dig" to that and not a conscious "dig" to Jews in general. 73, (Ben Feller, DX LISTENING DIGEST)

Ben, I certainly did not mean to offend you or anyone. Putting it in quotes was referring to the fact that that is exactly the way B.S. pronounces it, out of sheer ignorance, if not his own anti-Semitism. I will make this clear in future (Glenn to Ben, via DXLD)

Glen[n], that's what I was hoping but I had to ask. Being Jewish it runs hot and cold, especially with current events as we DXers/SWLs know, and the Presidential race. I'm sorry to have caused you any grief. Thank you for responding so quickly. You are the best, Glen; thanks for all your service to the DX community. Merry Christmas, Happy New Year and Great DX (hoping anyway. hi, hi) 73 (Ben Feller)

DIGITAL BROADCASTSING DRM: AUSTRALIA; BULGARIA; CZECHIA; GERMANY;
++++++++++++++++++++ GUIANA FRENCH; KUWAIT; RUSSIA; UNIDENTIFIED 6095

RADIO EQUIPMENT FORUM
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SHORTWAVE RECEIVERS WON FROM CHINA DELIVERED IN CUBA

Saludos desde Cuba. Amigos, he recibido la semana pasada en mi casa, un lindo radio digital multi banda de onda corta (un sueÒo hecho realidad!!) por mi participaciÛn en uno de los concursos que organizÛ el departamento en inglÈs de Radio Internacional de China, aunque ya aprendÌ a trabajar con Èl, el MANUAL VIENE TODO EN CHINO!! Quisiera que alguien que tenga acceso a INTERNET me descargara y me enviara el MANUAL EN INGL…S si se encuentra disponible, ME IMAGINO que habr·n innumerables operaciones que realiza este PL-200 y que por no tener el manual, no las imagino. AGRADEZCO DE ANTEMANO a las personas que puedan ayudarme. Un abrazo y cordiales 73's para todos.
(Iv·n Carralero, Cuba, via JosÈ Miguel Romero, Spain, dxldyg via DX LISTENING DIGEST) But not the ones won from RN/RCI. Several replies about the manual in English were already made on other lists (gh)

GUY ATKINS` BLOG ABOUT PERSEUS AND OTHER SOFTWARE-DEFINED RADIOS
http://perseus-sdr.blogspot.com/2007_12_02_archive.html
(via Martin A Hall, MWC via DXLD)

PROPAGATION

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HAARP --- NEW DOCUMENT REVEALS MILITARY MYSTERY'S POWERS
By David Hambling, December 10, 2007 | 1:35:00 PM

For years, no military program has sparked more fevered speculation from conspiracy theorists than the mysterious High Frequency Active Auroral Research Program, or HAARP. And for years, the Pentagon has been pooh-poohing speculation that the enormous collection of transmitters, radars, and magnetometers in Alaska was some sort of superweapon. But, it turns out, the conspiracy theorists may not have been entirely off-base, after all. . .
blog.wired.com/defense/2007/12/secret-document.html

A Freedom of Information Act document on HAARP:
http://foia.abovetopsecret.com/ultimate_UFO/Advanced/HAARPResearchAndApplications.pdf
(Mike Peraaho, Dec 11, DX LISTENING DIGEST)

DAYTIME E-LAYER `ASIAN MODE` TO AUSTRALIA

The lower shortwave bands during summer are generally only harbingers of local electrical noise, but pick the right day and 49, 41, 31 and 25 metres literally spring to life. This is related to some sort of E layer effect, and has resulted in some rather spectacular catches over the years.

Prime targets are the Southeast Asian stations on 49 and 41 metres; Malaysia, Singapore and Indonesia. The occasional Pacific station emerges as well. Wantok Radio Light on 7325 is one of the easier catches, and Port Vila on 7260 is also a likely suspect, when active. No two days are the same. Sometimes it will be the Indonesians that appear (what there are of them remaining), and on others there will be an opening to North Asia [see JAPAN; KOREA NORTH]. Sub-continental offerings can also emerge; many years ago Nepal was noted on 41 metres at noon, and two years ago a rare catch was All India Radio, Port Blair on 7115 kHz at 0300 UT! Burma has always been my target. Iíve heard it on 9730 at 0300, but never on 7185, where is allegedly has English at 0230. Maybe this year? (Craig Seager, Bathurst NSW (Icom R75, Dipole, Dec Australian DX News via DXLD)

OUR EXCLUSIVE AND NOT COPYRIGHTED, IN THE PUBLIC DOMAIN, ARNIE COROíS DXERS UNLIMITEDíS HF PLUS LOW BAND VHF PROPAGATION UPDATE AND FORECAST

Solar activity is hovering between low and very low. There is a very interesting sunspot emerging from the limb of the solar disk that will be capturing the attention of solar scientists during the next several days because of its high solar latitude location. Solar flux was

around 85 units and the effective sunspot number at 14 hours UT Tuesday was 31, sending the daytime maximum useable frequency on North ñSouth propagation paths up to around 35 megaHertz. Sporadic E openings should be becoming more frequent as we approach the winter solstice, and thatís good news for TV and FM broadcast band Dxers as well as 10 and 6 meter bands amateur radio operators (Prof. Arnaldo Coro Antich, CO2KK, RHC DXers Unlimited Dec 11, HCDX via DXLD)

The geomagnetic field was quiet throughout the period. ACE solar wind measurements indicated minor IMF, density, and velocity variations during the period. IMF Bt ranged from 0.3 to 9.2 nT while Bz ranged from +9.1 to -5.2 nT. Densities ranged from 1 to 12 p/cc. Velocities ranged from 267 - 396 km/sec during the period.

FORECAST OF SOLAR AND GEOMAGNETIC ACTIVITY 12 DECEMBER 2007 - 07 JANUARY 2008

Solar activity is expected to be very low to low. Isolated C-class flares are possible during 12 - 18 December and 01 - 07 January. No proton events are expected at geosynchronous orbit. The greater than 2 MeV electron flux at geosynchronous orbit is expected to reach high levels during 19 - 31 December. The geomagnetic field is expected to be at quiet to unsettled levels during 12 - 16 December. Activity is expected to increase to unsettled to active levels during 17 - 19 December as a recurrent coronal hole high-speed stream disturbs the field. Minor storm levels are also expected on 17 December. Activity is expected to decrease to quiet to unsettled levels during 20 - 22 December as the high-speed stream gradually subsides. Activity is expected to decrease to mostly quiet levels for the rest of the period.

:Product: 27-day Space Weather Outlook Table 27DO.txt
:Issued: 2007 Dec 11 1854 UTC
Prepared by the US Dept. of Commerce, NOAA, Space Weather Prediction Center
Product description and SWPC contact on the Web
http://www.swpc.noaa.gov/wwire.html
#
27-day Space Weather Outlook Table
Issued 2007 Dec 11
#

# UTC Date	Radio Flux 10.7 cm	Planetary A Index	Largest Kp Index
2007 Dec 12	85	10	3
2007 Dec 13	80	5	2
2007 Dec 14	80	5	2
2007 Dec 15	80	5	2
2007 Dec 16	80	10	3

2007 Dec 17	80	20	5
2007 Dec 18	75	15	4
2007 Dec 19	70	15	4
2007 Dec 20	70	10	3
2007 Dec 21	70	10	3
2007 Dec 22	70	10	3
2007 Dec 23	75	8	3
2007 Dec 24	75	5	2
2007 Dec 25	75	5	2
2007 Dec 26	75	5	2
2007 Dec 27	75	5	2
2007 Dec 28	75	5	2
2007 Dec 29	75	5	2
2007 Dec 30	75	5	2
2007 Dec 31	75	5	2
2008 Jan 01	75	5	2
2008 Jan 02	80	5	2
2008 Jan 03	80	5	2
2008 Jan 04	85	5	2
2008 Jan 05	85	5	2
2008 Jan 06	85	5	2
2008 Jan 07	85	10	3

(SWPC via WORLD OF RADIO 1386, DXLD) ###